

TIME-OF-YEAR RESTRICTIONS FOR SELECTED SPECIES IN VIRGINIA

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NOTE -- Any time-of-year restriction recommended should be commensurate with the impacts from the proposed project under consideration.

BIRDS:

Bald Eagle (*Haliaeetus leucocephalus*) - See bald eagle guidance.

Black Skimmer (*Rynchops niger*) - No work on beaches (or work affecting beaches) from April 1 through August 30.

Common Tern (*Sterna hirundo*) - No work on beaches (or work affecting beaches) from April 1 through August 30.

Great Blue Heron (*Ardea herodias*) - No work from March 15 through July 30 within 0.25 miles of a rookery. However, if a subdivision or other high density activity is planned, there should not be any work within 0.5 miles (Watts, B.D. and D.S. Bradshaw. 1994. The influence of human disturbance on the location of great blue heron colonies in the lower Chesapeake Bay. Colonial Waterbirds 17(2): 184-186.).

Great Egret (*Casmerodius albus*) - No work from April 1 through July 30 within 0.25 miles of a rookery.

Green Heron (*Butorides virescens*) - No work from April 5 through August 30 within 0.25 miles of a rookery.

Least Tern (*Sterna antillarum*) - No work on beaches (or work affecting beaches) from April 1 through August 30.

Peregrine Falcon (*Falco peregrinus*) - No work February 15 through July 15.

Piping Plover (*Charadrius melodus*) - No work on beaches (or work affecting beaches) March 15 through September 15.

Yellow-Crowned Night-Heron (*Nycticorax violaceus*) - No work from May 1 through July 30 if proposed activity is within 100 feet of a rookery.

FISH:

Spotfin Chub (*Cyprinella monacha*) - No work from May 1 through November 1.

Roanoke Logperch (*Percina rex*) - No work from March 15 through June 30. or July 31?

Roughhead Shiner (*Notropis semperasper*) - No work from March 15 through June 30.

Candy darter (*Etheostoma osburni*) - No work from March 15 through June 30.

Kanawha minnow (*Phenacobius teretulus*) - No work from March 15 through June 30.

INSECTS:

Northeastern Beach Tiger Beetle (*Cicindela dorsalis dorsalis*) - No work on beaches (or work affecting beaches) June 1 through September 15. Survey dates for adult beetles July 1 through July 25; larvae October 10 through October 30.

MAMMALS:

Dismal Swamp Southeastern Shrew (*Sorex longirostris fisheri*) - None.

Indiana Bat (*Myotis sodalis*) - No tree removal from April 15 through September 15 to protect bats roosting or foraging in trees. In addition, from April 15 through October 31 no tree removal should occur within 5 miles of a known hibernacula because bats congregate near hibernacula in the fall prior to beginning hibernation.

FRESHWATER MUSSELS:

Purple Bean (*Villosa perpurpurea*) - no instream work from February 1 through May 31 and August 15 through September 30.

Long-term brooders - No instream work April 15 through June 15 (release of glochidia); no instream work August 15 through September 30 (spawning).

Dwarf Wedge Mussel (*Alasmodonta heterodon*)

Elktoe (*Alasmodonta marginata*)

Brook Floater (*Alasmodonta varicosa*)

Birdwing Pearlymussel (*Conradilla caelata*)

Spectacle Case (*Cumberlandia monodonta*)

Fanshell (*Cyprogenia stegaria*)

Dromedary Pearlymussel (*Dromus dromas*)

Cumberlandian Combshell (*Epioblasma brevidens*)

Oyster Mussel (*Epioblasma capsaeformis*)

Green-Blossom Pearlymussel (*Epioblasma torulosa gubernaculum*)

Snuffbox Mussel (*Epioblasma triquetra*)
Tan Riffleshell (*Epioblasma walkeri*)
Pink Mucket Pearlymussel (*Lampsilis abrupta*)
Yellow Lampmussel (*Lampsilis cariosa*)
Tennessee Heelsplitter (*Lasmigona holstonia*)
Green Floater (*Lasmigona subviridis*)
Little-Wing Pearlymussel (*Pegias fabula*)
Purple Lilliput (*Toxolasma lividus*)
Rayed Bean (*Villosa fabalis*)
Cumberland Bean Pearlymussel (*Villosa trabalis*)

Short-term brooders - No instream work May 15 through July 31

Yellow Lance (*Elliptio lanceolata*)
Shiny Pigtoe (*Fusconaia cor*)
Fine-Rayed Pigtoe (*Fusconaia cuneolus*)
Atlantic Pigtoe (*Fusconaia masoni*)
Cracking Pearlymussel (*Hemistena lata*)
Slabside Pearlymussel (*Lexingtonia dolabelloides*)
James River Spinymussel (*Pleurobema collina*)
Tennessee Clubshell (*Pleurobema oviforme*)
Rough Pigtoe (*Pleurobema plenum*)
Pyramid Pigtoe (*Pleurobema rubrum*)
Rough Rabbitsfoot (*Quadrula cylindrica strigillata*)
Cumberland Monkeyface Pearlymussel (*Quadrula intermedia*)
Appalachian Monkeyface Pearlymussel (*Quadrula sparsa*)

PLANTS:

Small whorled pogonia (*Isotria medeoloides*) - Unless it is determined by Donna Ware or a botanist from VDNH that it is possible to survey sooner or later than the dates below, surveys should be conducted at the following times: South of Caroline County - surveys should be conducted from May 25 through July 15; Caroline County and North - surveys should be conducted from June 1 through July 20.

REPTILES:

Loggerhead Sea Turtle (*Caretta caretta*) - Nest searches will be conducted from May 15 through August 31. If nest surveys are not conducted, no work on beaches (or work affecting beaches) from May 15 through November 30 in order to protect potential nests/hatchling turtles.